

ATP WORKSHOPS ON *CIVIL INFRASTRUCTURE*

The Advanced Technology Program (ATP) at the National Institute of Standards and Technology (NIST) is sponsoring with local universities three ***Regional Workshops*** on ***Civil Infrastructure*** in support of industry interests in (1) ***Concrete and Construction Materials***, (2) ***Polymer Composites***, and (3) ***Structural Health Monitoring***. These workshops will provide attendees with guidelines on preparing competitive ATP proposals and address how universities can participate in ATP through collaboration with industry. This government-industry-university research partnership fosters the acceleration of dramatic gains in existing industries and the development of emerging or enabling technologies. Therefore, this unique relationship can lead to revolutionary new products, industrial processes, and services for the world's markets, and work to spawn industries of the 21st century.

See the back of our announcement for additional information and a preliminary agenda for our ***last*** of three civil infrastructure regional workshops.



The **Advanced Technology Program** at the
National Institute of Standards and Technology
announces the first of three Regional Workshops on
Civil Infrastructure

West Coast Region:
***STRUCTURAL HEALTH
MONITORING WORKSHOP***

Monday, December 18, 2000
Department of Aeronautics and Astronautics
Thorton Room 102, Terman Building
Stanford University
Stanford, California

National Institute of Standards and Technology
100 Bureau Drive, MS 4700
Gaithersburg, MD 20899-4700

U.S. Department of Commerce
Technology Administration



ATP WORKSHOP ON CIVIL INFRASTRUCTURE: “Structural Health Monitoring”

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The **STRUCTURAL HEALTH MONITORING** workshop program will feature speakers from both industry and ATP. Presentations by ATP will include an overview of ATP and a discussion of the technical and business criteria for a competitive proposal. There will be an industry presentation of the high-risk technological needs in structural health monitoring. A case study of a successful proposal and a session on common pitfalls to avoid, will be highlighted in a step-by-step approach in developing a competitive proposal. Time will be available for questions and answers, and opportunities for individual non-proprietary help sessions will be scheduled at the end of the formal program.

PRELIMINARY AGENDA

Time	Workshop Session/Speaker
8:55 a.m.	Host Welcome to Workshop
9:00 a.m.	Overview of the Advanced Technology Program (<i>Felix Wu, NIST/ATP</i>)
9:15 a.m.	The Competitive ATP Proposal - Technical Criteria (<i>Felix Wu</i>)
10:00 a.m.	-- BREAK --
10:15 a.m.	The Competitive ATP Proposal - Business Criteria (<i>Richard Palmer, NIST/ATP</i>)
11:00 a.m.	High-Risk Technological Needs for the Structural Health Monitoring for Composites and Construction Industries (<i>Industry speaker, TBD</i>)
11:45 a.m.	Discussion, Q&A
12:00 NOON	-- LUNCH--
1:00 p.m.	Common Pitfalls to Avoid (<i>Felix Wu and Richard Palmer</i>)
1:45 p.m.	The Successful Proposal - A Case Study (<i>David Stewart - President, Stewart Automotive Research</i>)
2:30 p.m.	-- BREAK --
2:45 p.m.	Step-by-Step Process to a Competitive Proposal (<i>Felix Wu and Richard Palmer</i>)
3:15 p.m.	Individual Help Sessions (<i>Felix Wu and Richard Palmer</i>)
5:00 p.m.	Reception

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For information on other **Civil Infrastructure** regional workshops, visit our website at: <http://www.atp.nist.gov/>



National Institute of Standards and Technology
Technology Administration, U.S. Department of Commerce

